

C.U.SHAH UNIVERSITY

Winter Examination-2019

Subject Name: Advanced Web Development with PHP

Subject Code: 4CS04IWD1

Branch: B.Sc.IT.

Semester : 4

Date : 01/10/2019

Time : 02:30 To 05:30

Marks : 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-1 **Attempt the following questions:** **(14)**

- a) What is the full form of AJAX?
- b) Define: Polymorphism.
- c) What is the use of GD library?
- d) What is the full form of JPEG?
- e) How to set thickness of line?
- f) Write syntax of : mysqli_query().
- g) What is the full form of OOP?
- h) Define: jQuery.
- i) Which function is used to open a new connection to the MySQL server?
- j) What is the use of static keyword?.
- k) Define: Constructor.
- l) Give full form of CSS.
- m) What is a JQuery Selector?
- n) How can you give a line break in FPDF?

Attempt any four questions from Q – 2 to Q – 8:

Q-2 **Attempt all questions:**

- (1) What do you mean by Object Oriented Programming? Explain the basic principles of OOP. (7)
- (2) Describe the image_create() function with syntax and example. (7)

Q-3 **Attempt all questions:**

- (1) What is Inheritance? Write a simple program to demonstrate Inheritance. (7)
- (2) Discuss the Abstract Class with a suitable example. (7)



- Q-4** **Attempt all questions:**
- (1) Discuss GD library functions to draw rectangle and ellipse. (7)
 - (2) Explain constructor and destructor in PHP with the example. (7)
- Q-5** **Attempt all questions:**
- (1) Explain jQuery filtering with an example. (7)
 - (2) Explain XMLHttpRequest object with its properties and methods. (7)
- Q-6** **Attempt all questions:**
- (1) Discuss jQuery Effects. (7)
 - (2) Write a simple program to demonstrate the uses of AJAX. (7)
- Q-7** **Attempt all questions:**
- (1) Describe establishing a database connection using MySQLi. (7)
 - (2) Explain jQuery mouse events with example. (7)
- Q-8** **Attempt all questions:**
- (1) Write a program to check the login credentials using MySQLi query. (5)
 - (2) Write the PHP program to draw the following picture using GD library.

